

The Commonwealth of Massachusetts  
Executive Office of Health and Human Services  
Department of Public Health  
William A. Hinton State Laboratory Institute  
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK  
GOVERNOR

TIMOTHY P. MURRAY  
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD  
SECRETARY

JOHN AUERBACH  
COMMISSIONER

02/25/2011

Gregory Henning  
Assistant District Attorney, Suffolk County

Dear ADA Henning,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED]. Included are copies of the following:

1. Drug Analysis Laboratory Receipt.
2. Curriculum Vitae for Annie Dookhan.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with custodial chemist's hand notations and test results.
5. GC Spectral analytical data for samples # [REDACTED]

Annie Dookhan was the custodial chemist and performed the testing and net weight for this sample. If you have any questions about these materials, please call me at the number below.

Sincerely,

A handwritten signature in black ink, appearing to read 'Annie Khan'.

Annie Khan (Dookhan)  
Chemist II  
Drug Analysis Lab  
Jamaica Plain, MA. 02130  
(617) 983-6631  
[Annie.Khan@state.ma.us](mailto:Annie.Khan@state.ma.us)

**DRUG RECEIPT**

CC # [REDACTED]

BOOK #

71

PAGE #

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DESTRUCTION #

District/Unit

Siu / YUSF

Name &amp; Rank of Arresting Officer

Det. Brooks

ID#

86201

DEFENDANT'S NAME

ADDRESS

CITY

STATE

MATTAPAN

MA

DESCRIPTION OF ITEMS SUBMITTED

GROSS  
QUANTITYGROSS  
WEIGHT

## LAB USE ONLY

ANALYSIS  
NUMBER

Green Veg. MATTER (marijuana)

1 Lg. P/B

28.38 gr

2 D P/B

1 P/B

80.96 gr

To be completed by ECU personnel only

Name and Rank of Submitting Officer

[Signature]

ID#

9370

Received by

[Signature]

Date

8-10-10

ECU Control #

## Curriculum Vitae

Annie Khan (Dookhan)

### Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.

University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

### Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

\*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

\*Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.

\*Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.

\*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

\*Maintenance and repairs of all analytical instruments.

\*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.

\*Responsible for the Quality Control/Quality Assurance program for the drug lab.

\*Notary Public.

\*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

\*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.

\*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.

\*Writing, revising and reviewing Standard Operating Procedures (SOPs).

\*Trained and supervised new chemists and interns for the department.

\*Routine QC testing of products for the FDA.

\*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

\*Calibration, preventive maintenance, QC and QA of analytical instrumentation.

\*Complete testing of chemicals for Vendor Validation Project for the FDA.

\*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

### Additional Training:

Dept. of Justice – Forensics Professionals. (numerous trainings)

GLP/GMP course with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS courses with Agilent Technologies and Restek.

HPLC course with Waters Cooperation.

FTIR course with Spectros.

TOC training with MBL and Sievers.

### Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

No. [REDACTED] Date Analyzed: 11-03-10  
City: Boston D.C.U. Police Dept.  
Officer: P.O. Diana Lopez  
Def: [REDACTED]  
Amount: Subst: VM  
No. Cont: 1 Cont: pb  
Date Rec'd: 08/10/2010 No. Analyzed:  
Gross Wt.: 28.38 Net Weight:

# Tests: 3 ASD  
MMAO MAAD  
Duqueno

Prelim:

Findings: marijuana.

No. [REDACTED] Date Analyzed: 11-03-10  
City: Boston D.C.U. Police Dept.  
Officer: P.O. Diana Lopez  
Def: [REDACTED]  
Amount: Subst: SUB  
No. Cont: 1 Cont: pb  
Date Rec'd: 08/10/2010 No. Analyzed:  
Gross Wt.: 80.96 Net Weight:

# Tests: 6 ASD

Prelim:

Findings: Negative

grossed ASD  
netted - 24.4

# DRUG POWDER ANALYSIS FORM

SAMPLE #                      AGENCY Boston ANALYST AS?

No. of samples tested:                      Evidence Wt.                     

## PHYSICAL DESCRIPTION:

Purple crystalline substance  
in pb

loose

w/ evidence bag  
Gross Wt ( ): 79.8

Gross Wt ( ):                     

Pkg. Wt:                     

Net Wt: 75.7

net wt = 75.6

## PRELIMINARY TESTS

### Spot Tests

Cobalt  
Thiocyanate ( ) blue

Marquis purple

Froehde's purple

Mecke's purple

### Microcrystalline Tests

Gold  
Chloride                     

TLTA ( )                     

### OTHER TESTS

0111-

GC ⊖

## PRELIMINARY TEST RESULTS

RESULTS Negative

DATE 11-3-10

## GC/MS CONFIRMATORY TEST

RESULTS                     

MS  
OPERATOR                     

DATE

Table (Front Injector):

Location and Injection Info Part:

Location	SampleName DataFile LimsID	Method	Inj	SampleType	InjVolume
vial 1	BLANK	SCREEN	1	Sample	1
vial 2	COKE/CODEINE STD	SCREEN	1	Sample	1
vial 3	BLANK	SCREEN	1	Sample	1
vial 4		SCREEN	1	Sample	1
vial 5	BLANK	SCREEN	1	Sample	1
vial 6		SCREEN	1	Sample	1
vial 7	BLANK	SCREEN	1	Sample	1
vial 8		SCREEN	1	Sample	1
vial 9	BLANK	SCREEN	1	Sample	1
vial 10		SCREEN	1	Sample	1
vial 11	BLANK	SCREEN	1	Sample	1
vial 12		SCREEN	1	Sample	1
vial 13	BLANK	SCREEN	1	Sample	1

Table (Back Injector):

entries - empty table!

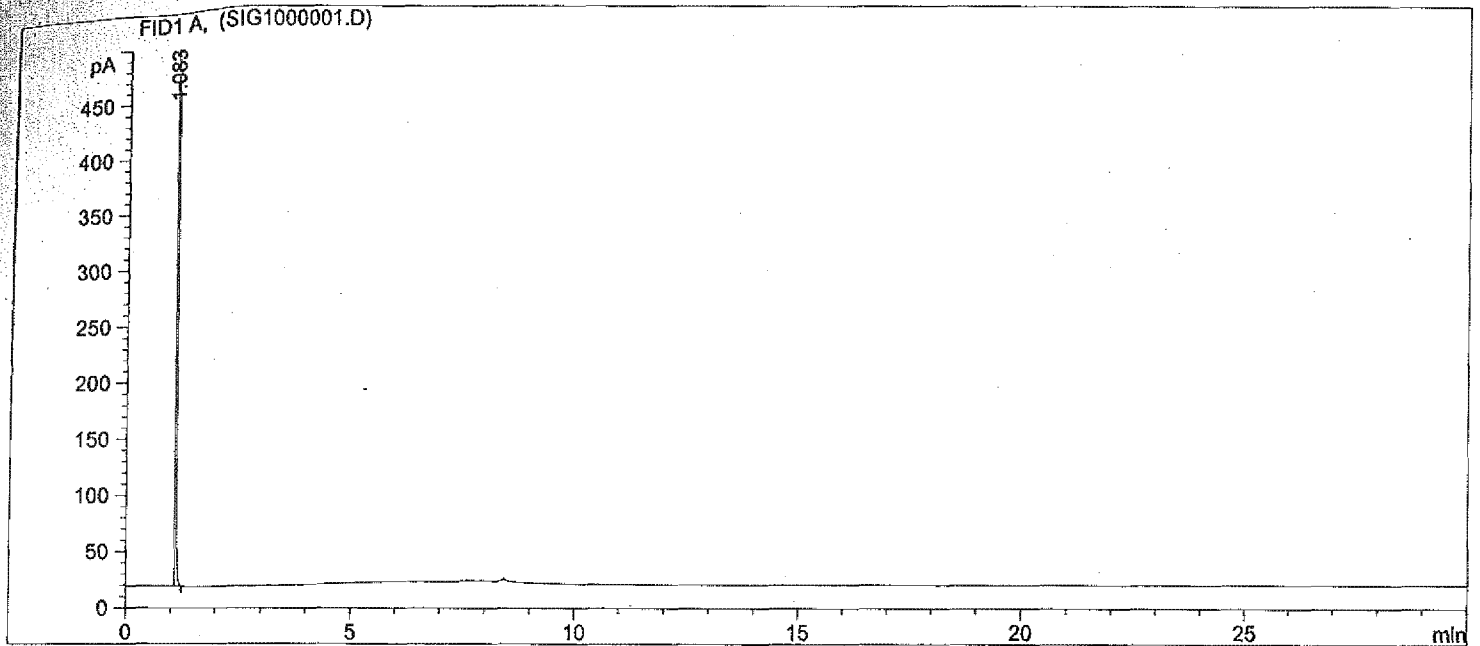
ASD  
11-3-10

Name: BLANK

Operator : ASD  
 Acq. Instrument : DrugLab GC #2  
 Injection Date : 11/2/2010 3:05:03 PM

Seq. Line : 1  
 Location : Vial 1  
 Inj : 1  
 Inj Volume : 1 µl

Sequence File : C:\CHEM32\1\SEQUENCE\DEFAULT.S  
 Method : C:\CHEM32\1\METHODS\SCREEN.M  
 Last changed : 7/27/2010 2:36:10 PM



=====  
 Area Percent Report  
 =====

Sorted By : Retention Time  
 Multiplier: : 1.0000  
 Dilution: : 1.0000  
 Sample Amount: : 1.00000 [ng/ul] (not used in calc.)  
 Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	1.083	1	BB S	6.68615e4	7.13504e4	1.000e2

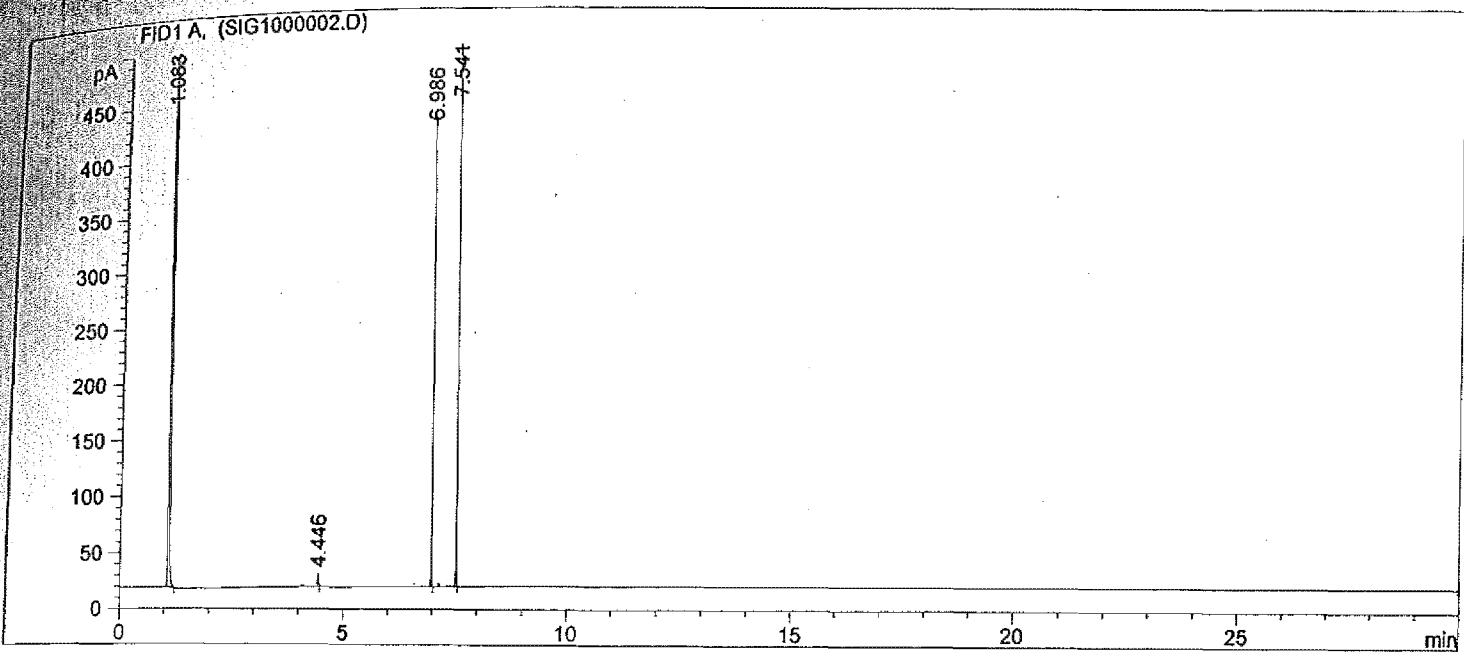
Totals : 6.68615e4 7.13504e4

=====  
 \*\*\* End of Report \*\*\*



Operator : ASD  
 Instrument : DrugLab GC #2  
 Injection Date : 11/2/2010 3:39:48 PM  
 Sequence File : C:\CHEM32\1\SEQUENCE\DEFAULT.S  
 Method : C:\CHEM32\1\METHODS\SCREEN.M  
 Last changed : 7/27/2010 2:36:10 PM

Seq. Line : 2  
 Location : Vial 2  
 Inj : 1  
 Inj Volume : 1 µl



=====  
 Area Percent Report  
 =====

Sorted By : Retention Time  
 Multiplier: : 1.0000  
 Dilution: : 1.0000  
 Sample Amount: : 1.00000 [ng/ul] (not used in calc.)  
 Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	1.083	1	BB S	6.84818e4	6.48633e4	98.90112
2	4.446	1	BB	12.12726	11.74921	0.01751
3	6.986	1	BB	309.85944	406.75040	0.44750
4	7.541	1	BB	438.91010	556.11609	0.63387

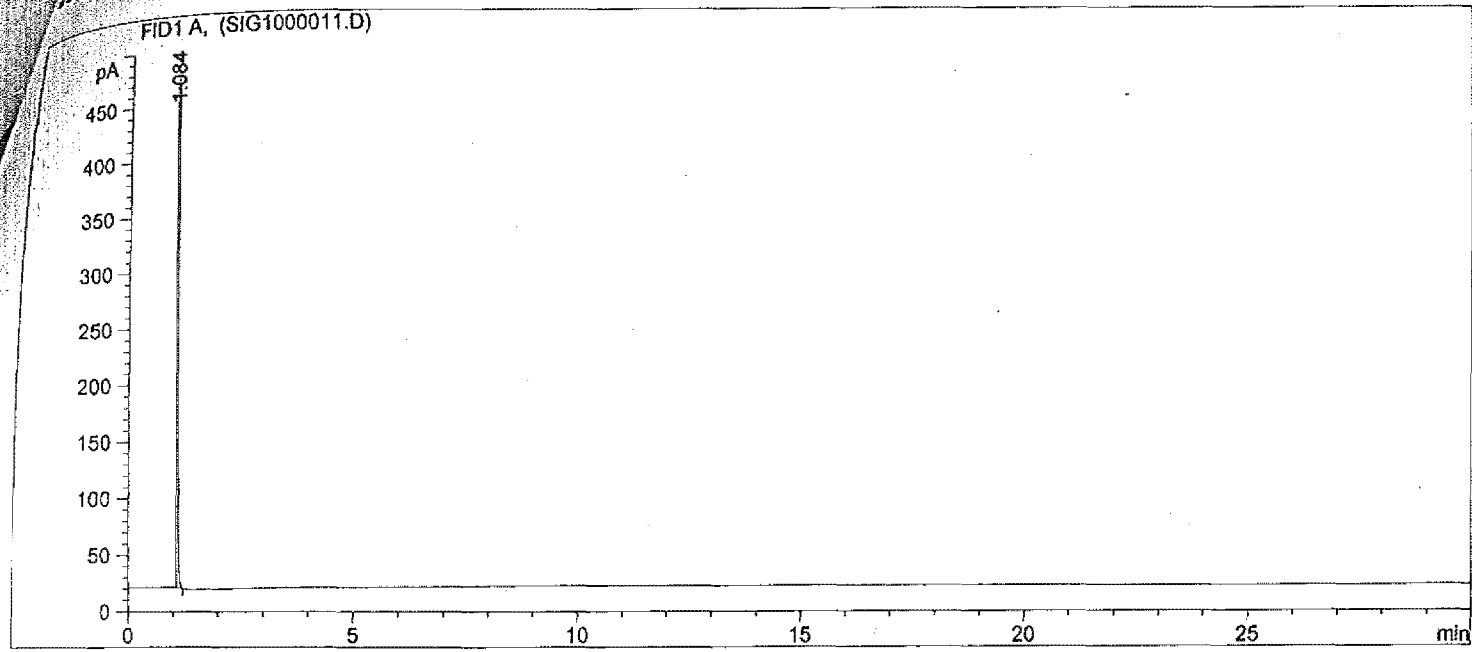
Totals : 6.92427e4 6.58379e4

=====  
 \*\*\* End of Report \*\*\*

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Operator	: ASD	Seq. Line	: 11
Instrument	: DrugLab GC #2	Location	: Vial 11
Injection Date	: 11/2/2010 8:52:54 PM	Inj	: 1
		Inj Volume	: 1 µl
Sequence File	: C:\CHEM32\1\SEQUENCE\DEFAULT.S		
Method	: C:\CHEM32\1\METHODS\SCREEN.M		
Method changed	: 7/27/2010 2:36:10 PM		

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=====  
Area Percent Report  
=====

Sorted By : Retention Time  
Multiplier: : 1.0000  
Dilution: : 1.0000  
Sample Amount: : 1.00000 [ng/ul] (not used in calc.)  
Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	1.084	1	BB S	6.90677e4	6.64699e4	1.000e2

Totals : 6.90677e4 6.64699e4

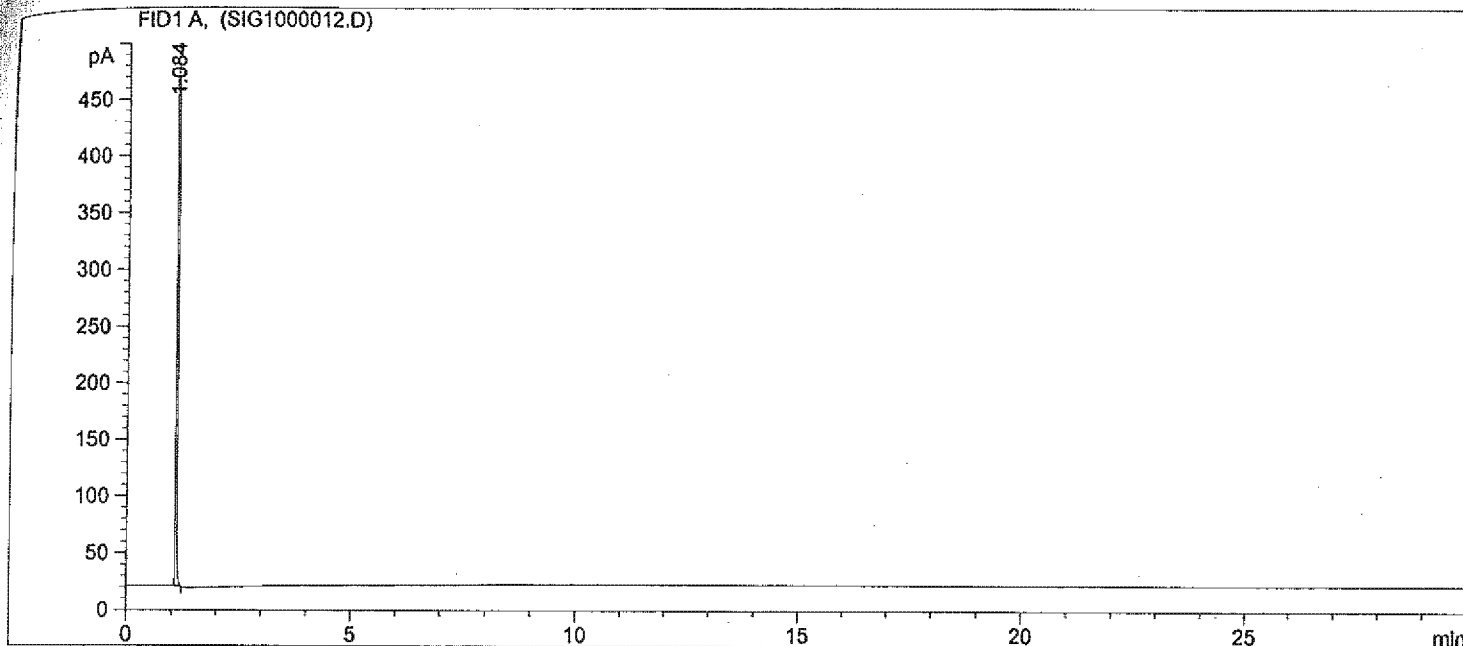
=====  
\*\*\* End of Report \*\*\*

Name: XXXXXXXXXX

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Operator       : ASD                      Seq. Line :   12
Instrument      : DrugLab GC #2           Location  : Vial 12
Injection Date  : 11/2/2010 9:27:41 PM    Inj       :    1
                                           Inj Volume: 1 µl
Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method          : C:\CHEM32\1\METHODS\SCREEN.M
Last changed    : 7/27/2010 2:36:10 PM
=====

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=====
                        Area Percent Report
=====

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Sorted By           :      Retention Time
Multiplier:         :      1.0000
Dilution:           :      1.0000
Sample Amount:       :      1.00000 [ng/ul]   (not used in calc.)
Do not use Multiplier & Dilution Factor with ISTDs

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Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	1.084	1	BB S	6.38942e4	6.37056e4	1.000e2

```
Totals :                6.38942e4  6.37056e4
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                        *** End of Report ***

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